



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

Air Transportation Division  
National Simulator Program, AFS-205  
100 Hartsfield Centre Parkway  
Suite 400  
Atlanta, GA 30354

March 9, 2006

To: United States Simulator Manufacturers, Sponsors and Interested Parties

### **FAA National Simulator Program News Letter**

As the Manager of the National Simulator Program, I am pleased to update you on several initiatives we are involved with as follows:

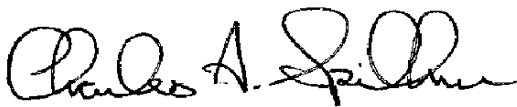
1. **World Airline Training Conference (WATS).** The WATS conference will be held in Orlando, Florida on April 4 – 6, 2006. The FAA National Simulator Program (NSP) will be hosting a booth at the conference. FAA personnel from the NSP and FAA Flight Standards Headquarters will be available to answer your questions. Please stop by booth number 105 and meet us. In addition the FAA will conduct the following presentations and breakout sessions:
  - a. Bobby Stugell, Deputy FAA Administrator, will be one of two Keynote Speakers on April 4<sup>th</sup> at 9 A.M.
  - b. Dr. Edward D. Cook, Senior Advisor for Flight Simulation and Training, Air Transportation Division, will present the following topic on Tuesday, April 4<sup>th</sup> at 10:45 A.M. “A Regulator Update and the Implications for Crewmember Training and Qualifications”.
  - c. The NSP will hold a breakout session on Wednesday, April 5<sup>th</sup> at 3:45P.M. NSP members will focus on Electronic Qualification Test Guides (EQTG), international harmonization and future direction of flight simulation regulations in the U.S. Q&A will be facilitated.
  - d. NSP, United Kingdom Civil Aviation Authority (CAA) and Swiss Federal Office of Civil Aviation (FOCA) representatives to will participate in a breakout session on Thursday, April 6<sup>th</sup> at 9 A.M. for the WATS participants interested in learning about the bilateral agreements the FAA has with Switzerland and the United Kingdom. The following individuals will host the breakout session:
    - i. Charlie Spillner - Manager, FAA National Simulator Program
    - ii. Larry McDonald - Aerospace Engineer, FAA National Simulator Program
    - iii. David Gibbons - Simulator Standards Manager - UK Civil Aviation Authority
    - iv. Manfred von Allmen, Expert Synthetic Training Devices, Federal Office of Civil Aviation, Switzerland

Additional information may be found at: <http://www.halldale.com/WRATS.aspx>.

2. **Royal Aeronautical Society (RAeS) International Work Group.** The FAA and the National Simulator Program are in full support of the RAeS's effort to develop a full suite of flight simulation device (FSTD) qualification criteria that will be submitted to the International Civil Aviation Organization (ICAO). The Society will be leading an international working group to review the technical standards contained within ICAO Doc 9625 AN/938: Manual of Criteria for the Qualification of Flight Simulators and to expand these standards to include all flight training devices from the simplest desk top PC based device to the Level D FFS. Additional information may be found on the RAeS Flight Simulation Work Group's website at: <http://www.raes-fsg.org.uk/>.

3. **Statements of Qualification.** In November 2004, the National Simulator Program (NSP) began issuing Statements of Qualification for all flight simulation training devices (FSTD) qualified under the basis of a bilateral agreement with Canada, Switzerland and the United Kingdom. Effective April 1, 2006, the NSP will issue a Statement of Qualification to all Level 6 and above FSTD's after the first acceptable initial, upgrade or recurrent NSP evaluation of the device. A sample copy of a Statement of Qualification is enclosed. The Statement of Qualification will replace the Qualification Memorandum the NSP is currently providing the FAA POI/TCPM. We will distribute the statements via email to the Simulator Sponsor and POI/TCPM.
4. **Part 60 Flight Simulation Device Initial and Continuing Qualification and Use.** Part 60 was submitted to the FAA Administrator on December 12, 2005 for review and signature. Once signed, the final rule will be published with an effective date of one year after that date.
5. **Revised Simulator Implementation Procedures (SIP).** The SIP's between the FAA and the United Kingdom Civil Aviation Authority (CAA) and Swiss Federal Office of Civil Aviation (FOCA) were revised in October 2005. The revised SIP's now contain special conditions to conduct on behalf of each National Aviation Authority (NAA). A copy of the revised SIP's may be found on the NSP website at: [http://faa.gov/safety/programs\\_initiatives/aircraft\\_aviation/nsp/sip/](http://faa.gov/safety/programs_initiatives/aircraft_aviation/nsp/sip/). The FAA and the UK CAA and Swiss FOCA are currently working on the details of a transition plan for the revised SIP's. In addition the NSP, UK CAA and Swiss FOCA representatives will participate in a breakout session on Thursday, April 6<sup>th</sup> at 9 A.M. for the WATS participants interested in learning about the bilateral agreements the FAA has with Switzerland and the United Kingdom. See item number 1 for details.
6. **Status of Levels 2 and 3 Flight Training Devices (FTD).** As you may know, Levels 2 and 3 FTD's will not be included in the new Part 60 and Advisory Circular 120-45A Qualification of Flight Training Devices will expire on the effective date of the rule. The NSP is currently working with the General Aviation and Commercial Aviation Division on a document that will transition these devices into a new category of devices call Basic and Advance Aviation Training Devices. It is the FAA's goal to provide no disruption in the use of these devices.

Sincerely,



Charles A Spillner  
Manager, National Simulator Program

Enclosure

# Federal Aviation Administration National Simulator Program



## Statement of Qualification

The Federal Aviation Administration (FAA)  
National Simulator Program has evaluated the Flight Simulation Training  
Device (FSTD) listed below. This FSTD has been found to meet  
the standards set forth in the qualification document described below:

**Sponsor:** Federal Aviation Administration  
**Location:** Oklahoma City  
**Aircraft Type:** B-737-800  
**FAA Identification Number:** 900  
**Qualification Basis:** Draft 120-40C  
**Qualification Level:** D

Issued by the National Simulator Program  
on January 26, 2005

A handwritten signature in black ink, appearing to read "Charles A. Spillner".

Charles A. Spillner  
Manager, National Simulator Program  
Federal Aviation Administration

To maintain qualification, the FSTD must meet all of the standards and specifications of the qualification basis and is subject to the conditions and limitations listed in the last FAA FSTD Evaluation Report. This certificate is not transferable, and unless, revoked, suspended, or amended, shall remain in effect until January 31, 2006. This statement may automatically be extended an additional 30 days provided the FSTD has satisfactorily passed a recurrent evaluation conducted by the NSP.